

# MBNMS Permit Activity Report

March 25, 2004

## Table of Contents

<u>Page</u>	<u>Project Title</u>	<u>Case Number</u>
1	Installation of an advanced cabled observatory in the monterey bay Monterey Bay Aquarium Research Institute	MBNMS-2002-039
1	A seawall at 4540 Cliff Drive in Santa Cruz Bowman & Williams	MBNMS-2003-009
2	Tagging of white sharks at Ano Nuevo Pelagic Shark Research foundation	MBNMS-2003-029
2	Monte Foundation Annual Fireworks Monte Foundation	MBNMS-2004-003
3	To deploy moorings as part of the CCLEAN program Jonathan Toal	MBNMS-2004-004
3	To install epoxy markers at the Fitzgerald Marine Reserve for Tenera Environmental	MBNMS-2004-006
4	A slope stabilization project at a location referred to as Caltrans	MBNMS-2004-007
4	Pitkins curve landslide disposal at Grey Slip	MBNMS-2004-008
5	Characterization of Benthic Habitats and Inventory of Marine Life Ian Hartwell, NOAA	MBNMS-2004-012
5	To deploy fish monitoring devices just south of the San Simeon Pier	MBNMS-2004-013

## Monterey Bay National Marine Sanctuary Permits and Authorizations

**MBNMS-2002-039**

**Dr. Marcia McNutt  
Monterey Bay Aquarium Research Institute**

**Installation of an advanced cabled observatory in the monterey bay canyon**

*Permit Period:* Starts: 8/1/2005; no end date      *Activity:* Alteration of, or construction or placement on, the seabed.  
*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:* permit review

*App.status:* application received

*Location:* Monterey Submarine Canyon

*Summary:* the MARS ( Monterey Accelerated Research System) cabled observatory will include one science node on 62 km of submarine cable. Details on proposed cable installation method pending.

*Abstract:* this project proposes to install an advanced cabled observatory in order to provide a remote, continuous, long-term, large-bandwidth infrastructure for multidisciplinary, in-situ exploration, observation, and experimentaion in the deep sea. This system will have the ability to operate over a 30-year lifetime.

---

**MBNMS-2003-009**

**Bowman & Williams  
Bowman & Williams**

**A seawall at 4540 Cliff Drive in Santa Cruz**

*Permit Period:* No permit dates entered      *Activity:* Discharge or deposit (within the Sanctuary).  
*Type Of Permit:* Authorization of other agency permits      Alteration of, or construction or placement

*Permit Status:* permit review

*App.status:* application received

*Location:* 4540 Opal Cliffs Drive

*Summary:* additional information required

*Abstract:* more info needed. expects to file complete application with CCC shortly.

---

## Monterey Bay National Marine Sanctuary Permits and Authorizations

**MBNMS-2003-029**

Sean Van Sommeran  
Pelagic Shark Research foundation

**Tagging of white sharks at Ano Nuevo**

*Permit Period:*

*Activity:* Attracting white sharks within State waters.

*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:*

*App.status:* draft application received

*Location:* ano nuevo island

*Summary:* application not yet received

*Abstract:* application not yet received

---

**MBNMS-2004-003**

Monte

**Monte Foundation Annual Fireworks**

*Permit Period:* Starts: 10/9/2004; no end date *Activity:* Discharge or deposit (within the Sanctuary).

*Type Of Permit:* Authorization of other agency permits

*Permit Status:*

*App.status:* additional information requested

*Location:* Seacliff pier

*Summary:* Authorization of the California Coastal Commission Coastal Development Permit ##\_### permitting the launching of commercial fireworks from a launch site adjacent to and over the Sanctuary on October 9, 2004

*Abstract:* additional information requested

---

## Monterey Bay National Marine Sanctuary Permits and Authorizations

**MBNMS-2004-004**

**Jonathan Toal**

**To deploy moorings as part of the CCLEAN program**

*Permit Period:* 2/15/2004 to 3/30/2005

*Activity:* Alteration of, or construction or placement on, the seabed.

*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:* permit issued

*App.status:* application received

*Location:*

*Summary:* To determine the status and trends in the quality of nearshore ambient waters within the MBNMS. This will be accomplished by deploying two moorings which will support custom sampling units.

*Abstract:* Moorings would be deployed at two sites, one in northern Monterey Bay (36.890N , 121.924W) and one in southern Monterey Bay (36.711N, 121.911W). Each mooring will be US Coast Guard approved with lighted buoys.

---

**MBNMS-2004-006**

**Scott Kimura**

**Tenera Environmental**

**To install epoxy markers at the Fitzgerald Marine Reserve for intertidal study**

*Permit Period:* 3/1/2004 to 3/1/2006

*Activity:* Alteration of, or construction or placement on, the seabed.

*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:* permit issued

*App.status:* application received

*Location:* Fitzgerald Marine Reserve

*Summary:* To install upper intertidal markers to conduct a resource assessment to evaluate visitor use to determine whether additional resource protection is needed at the reserve.

*Abstract:* To install approximately 6-12 markers to re-locate sampling areas. The markers will be established in the upper intertidal zone, installed with the use of a hammer, and each will be an epoxy (marine splash zone putty) mound approx. 1-3 inches in diameter with an embedded stainless steel washer.

---

## Monterey Bay National Marine Sanctuary Permits and Authorizations

**MBNMS-2004-007**

Caltrans

Caltrans

A slope stabilization project at a location referred to as "Hermitage Slope" about 1 mile north of Limekiln Bridge

*Permit Period:* No permit dates entered

*Activity:*

*Type Of Permit:*

*Permit Status:* No permit issuance steps entered

*App.status:* preliminary info rec'd

*Location:* (mon-1-21.9/22.1)

*Summary:* Coastal armoring-- more information needed

*Abstract:* This project is located at mile marker (mon-1-21.9/22.1)

---

**MBNMS-2004-008**

Albright

**Pitkins curve landslide disposal at Grey Slip**

*Permit Period:* No permit dates entered

*Activity:*

*Type Of Permit:*

*Permit Status:* comment letter in review

*App.status:* additional information requested

*Location:* Highway 1 at Grey Slip

*Summary:* approximately 30,000 cys is requested for disposal at Grey Slip.

The proposed work at this location consists of placing material that originates from the Pitkins Curve Landslide and transporting it to construct an earthen buttress and re-grade of the existing slope at Grey

*Abstract:* Approximately 30,000 cubic yards of material is to be placed well above mean high water alongside the West side of the highway on the blufftop for the purpose of protecting the roadway and the existing retaining wall. A similar project was conducted by Caltrans in 2000. Caltrans will not place any material within twenty feet of the edge of the bluff so as to avert it from entering the MBNMS.

---

## Monterey Bay National Marine Sanctuary Permits and Authorizations

**MBNMS-2004-012**

**Ian Hartwell**

**Characterization of Benthic Habitats and Inventory of Marine Life within MBNMS**

*Permit Period:* 4/25/2004 to 5/2/2004      *Activity:*

*Type Of Permit:*

*Permit Status:* permit decision made

*App.status:*

*Location:*

*Summary:* The proposed project is to disturb the seabed by collecting sediments using a Young-modified Van Veen Sampler in 0.2m<sup>2</sup> plots at approximately 60 sites, within the Monterey Bay National Marine Sanctuary (MBNMS) for the purpose of documenting the soft bottom benthic infauna community

*Abstract:* The scope of the proposed project involves the collection of sediment at approximately sixty sites distributed over 1,600 square miles of ocean bottom. The permitted research will provide valuable data for guidance relative to locations and patterns of benthic communities for various resource management issues.

---

**MBNMS-2004-013**

**Jono Wilson**

**To deploy fish monitoring devices just south of the San Simeon Pier**

*Permit Period:* 4/1/2004 to 9/30/2004      *Activity:* Overflights below 1,000 feet in restricted areas.

*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:* permit decision made

*App.status:* application received

*Location:* offshore of the san simeon pier

*Summary:* To assess spatial and temporal dynamics of recruitment in nearshore rockfish by deploying a groups of four Standard Monitoring Units for the Recruitment of Fish (SMURF) just south of the San Simeon Pier offshore of the kelp beds in waters less than 20 meters.

*Abstract:* One four foot earth anchor will be screwed into the sandy seafloor with a mooring line attached to a surface spar buoy constructed of five-foot long, 1.5 inch diameter pvc pipe, at four locations within 20 meters of each other fashioned in a square.

---